RESIDENTIAL – ONE & TWO FAMILY ONLY



INSPECTION DEPARTMENT TOWN HALL - 550 HANOVER STREET – SUITE 8 HANOVER, MASSACHUSETTS 02339-2242 781-826-6400

INFORMATION FOR OBTAINING A BUILDING PERMIT FOR HOMES, ADDITIONS, FARMER'S PORCHES, OPEN DECKS AND SHEDS OVER 120 SQUARE FEET

The Applicant must have:

- * Certified plot plan showing proposed building location, measurements from building to street, as well as rear and side lot lines.
- * Two (2) sets of drawings for the proposed work, drawn to scale and showing: foundation, floor plans, elevations, framing plans, and structural details for steel and/or LVL beams.
- * Documentation showing compliance with Energy Code.
- * Building Permit Application Form filled out completely.
- * Signatures from Board of Health, Conservation Commission and the Fire Department.
- * Copy of Lot Release for Sub-Divisions.
- * Builder's Construction Supervisor Number, Home Improvement Number, Workmen's Compensation Insurance and Affidavit.
- * Homeowners Insurance Affidavit and Exemption for Homeowners.

Paul McAuliffe Building Commissioner



HANOVER BUILDING DEPARTMENT RULES & REGULATIONS FOR ALL INSPECTIONS

After the Building Permit has been issued, it is necessary to **notify the Building Department at 781-826-6400** for the following inspections:

- A Registered Professional Engineer must certify foundation **placement** and **elevation**, with a call to the Building Department, followed by a **submitting three Certified Plot Plans**.
- After pouring the foundation with <u>concrete</u> that is <u>3000 psi</u>, and <u>waterproofing</u> has been completed, call this office for an <u>Foundation Inspection</u>.
- Sonotube inspection for **Deck Footings**.
- After rough wiring and rough plumbing/gas inspections have been completed and approved, call the Building Inspector for a **Rough Frame Inspection**.
- The Building Inspector must inspect any new masonry chimneys. Be sure to call for a **Throat Inspection**.
- An <u>Insulation Inspection</u> must be made <u>after</u> the insulation is installed and <u>before</u> any sheet rock is installed.
- After the final electrical, gas & plumbing inspections have been made and approved, call the Building Department for a **Final Building Inspection** in order to get an **Occupancy Permit**.
- An <u>Occupancy Permit</u>, (Fee:\$40.00), which is essential before any <u>new dwelling</u> or any <u>new addition</u> may be occupied, may be obtained if you have had your final approvals from the Conservation Commission (if required), Board of Health, Fire Department, Planning Board (if required) and all Building Department inspections.
- <u>House numbers</u>, at least <u>3" in height</u>, must be in place by your front door <u>before</u> you contact the <u>Fire Department and Building Department for Final Inspections</u>.
- The Building Inspector requires <u>24 hours notice for inspections</u>.
- The Gas/Plumbing Inspector requires <u>24 hours notice for inspections</u>. The Gas/Plumbing Inspector works out of business office between <u>8:00 a.m. and 4:00 p.m.</u>, and can be contacted at <u>781-829-0104</u>.
- The Wiring Inspector requires <u>72 hours notice for inspection</u>.

(<u>The Gas/Plumbing Inspector and Wiring Inspector are part-time employees.)</u>
Hanover Building Department will not issue Electrical Permits to unlicensed individuals and homeowners.

Paul McAuliffe Building Commissioner State Board of Building Regulations and Standards Massachusetts State Building Code 780 CMR



Town of Hanover

Inspection Department Town Hall, 550 Hanover St.-Ste 8 Hanover, MA 02339 781-826-6400

APPLICATION TO CONSTRUCT, REPAIR, RENOVATE OR DEMOLISH A ONE OR TWO FAMILY DWELLING (Please fill out completely all applicable areas – Please use ink)

	This Section For Office	cial Use On	ly	
Building Permit Number:	Date Issued:			
Signature:Building	Commissioner/Local Inspector of Build	ings		
	granted under the Building Code, the		by notified	
that he/she comply with all the requ	irements of the Board of Health and	d the Zoning By-L	aw.	
Property Address:	SECTION 1 – SITE INFO			
Assessors Map & Lot Number: Ma	ap: Lot:			
Zoning Information: Zoning I	District: Proposed	l Use:	_	
Property Dimensions: Lot Area	.(sf): Footage(ft):	_	
Building Setbacks(ft):				
Front Yard	Side Yard	Rea	ur Yard	
Required: Provided:	Required: Provided:	Required:	Provided:	
Water Supply: Public:	Private:			
Flood Zone Information: Zone: _	Outside Flood Zon	ie:		
Sec Owner of Record:	tion 2 – Property Ownershi	p / Authorized	Agent	
Name:	Phone:			
Address:	Signature: _			
Authorized Agent:				
Name:	Phone:			
Address:	Signature: _			

SECTION 3 – Description of Proposed Work

	(Check	All Applicable)				
New Construction	Existing Building	Repairs	Alterations _			
Additions	Accessory Building	Demolitions _	Other			
Brief Description of Prop	osed Work:					
	AR	EA				
Building Size Front:		Deep:	Stories:			
Living Space (sf):		Garage (sf):				
Deck / Porch (sf):		Shed (sf):				
Height (ft):						
Estimated Cost: \$		Permit Fee: \$				
	For Offici	ial Use Only				
Board of Health:		Conservation:				
Date:		Date:				
Fire Department:		New Homes Only: DPW	<i>I</i>			
Date:		Date:				
Planning Board: (if requi	Board: (if required)Date:					

SECTION 4 – Construction Services

Licensed Constru	ction Supervisor:
Licensed Construction Supervisor:	License #:
Address:	Exp. Date:
Phone: Signature:	Not Applicable:
Registered Home Imp	rovement Contractor:
Company Name:	License #:
Address:	Exp. Date:
Phone: Signature:	Not Applicable:
Section 5 – Worker's Compensation Insu Worker's Compensation Insurance affidavit must be confailure to provide this affidavit will result in the denial	ompleted and submitted with this application.
Signed affidavit attached: Yes No	
Section 6a – Own To be completed when owners agent or I,	Owner of the subject to act on my behalf, in all matters
Signature of Owner:	Date:
Section 6b – Owner / Auth I,	as Owner / Authorized Agent hereby declare that the on are true and accurate, to the best of my knowledge
Signature of	
Owner / Agent	Date:



INSPECTION DEPARTMENT TOWN HALL - 550 HANOVER STREET - SUITE 8 HANOVER, MASSACHUSETTS 02339-2242

	781-826-6400	
PLEASE PRINT	DATE:	
LOCATION:		
HOMEOWNED.	Address	
HOMEOWNER:Name		Phone
PRESENT MAILING ADDRESS:		
City/Town	State	Zip Code
The current exemption for "he	omeowners" was extended to include	owner-occupied
dwellings to allow such home	eowners to engage an individual for hi	ire who does not possess
a license, provided that the ov	wner acts as supervisor.	
(STATE BUILDING CODE	109.1.1)	
there is, or is intended to be, a accessory to such use and/or f in a two year period shall not to the Building Official, on a state of the state of	of land on which he/she resides or interaction one family dwelling, attached or det farm structure. A person who constructed be considered a homeowner. Such "I form acceptable to the Building Office performed under the building permit.	ached structure cts more than one home nomeowner" shall submit ial, that <u>he/she shall be</u>
•	r" assumes responsibility for complia icable codes, by-laws, rules and regul	
_	r" certifies that he/she understands the m inspection procedures and requirer	
HOMEOWNER'S SIGNATU	JRE:	
APPROVAL OF BUILDING OFFICIAL:		

The Commonwealth of Massachusetts Department of Industrial Accidents Office of Investigations , 600 Washington Street, Boston, MA 02111

www.mass.gov/dia

Workers' Compensation Insurance Affidavit: Builders/Contractors/Electricians/Plumbers

<u>Appli</u>	cant Information		<u>Plea</u>	<u>se Print</u>	<u>Legibly</u>	
Name	(Business/Organization/Indi	vidual):				
Addre	ess:					
	State/Zip:			e #:		
Are y	ou an employer? Check the	approj	priate box: Typ	e of proj	ject (required):	
1. 🗆	I am an employer withemployees (full and/or part time)*		I am a general contractor and I have hired the sub-contractors listed on the attached sheet.++	6. □ 7. □ 8. □	New Construction Remodeling Demolition	
2. 🗆	I am a sole proprietor or partner- ship and have no employees working for me in any capacity. (No workers comp. Insurance	5. □	These sub-contractors have workers' comp. Insurance. We are a corporation and its	9. □ 10. □ 11. □ 12. □	Building addition Electrical repairs or additions Plumbing repairs or additions Roof repairs	
3 🗆	required.) I am a homeowner doing all work myself. {No workers' comp. insurance required.}+		officers have exercised their right of exemption per MGL c.152.S1(4), and we have no employees. {No workers' comp. Insurance required.}	13. 🗆	Other:	
+Homeo ++Contr I am o policy	plicant that checks box #1 must also fill out owners who submit this affidavit indicating to actors that check this box must attach an advant employer that is providing to and job site information.	hey are doin ditional shee	ng all work and then hire outside contractors et showing the name of the sub-contractors et some contractors ars' compensation insurance	rs must subm and their wo	it a new affidavit indicating such. brkers' comp. Policy information. employees. Below is the	
Insura	nce Company Name:					
Policy # or Self-Ins. Lic. #:			Expiration Date:			
Job Sit	e Address:		City/State/Zip:			
Attach	a copy of the workers' compens	ation pol	icy declaration page (showing th	e policy n	umber and expiration date).	
penalt WOR	e to secure coverage as required ies of a fine up to \$1,500.00 and K ORDER AND A FINE OF Ul lent may be forwarded to the Of	l/or one- P TO \$2:	year imprisonment, as well as c 50.00 a day against the violator	civil penal . Be advi	Ities in the form of a STOP ised that a copy of this	
	ereby certify under the pain orrect.	_	· - · ·	nformati	on provided above is true	
Signa	ture:		Date:			
Phone	e #:					
6	Official use only. Do not writ	e in thi	s area, to be completed by ci	ty or tow	n official.	
C	ity or Town:		Permit/License #			
Is	suing Authority (circle one): 1. Board of Health 2. Bui 5. Plumbing Inspector 6. Oth		partment 3. City/Town Clerk	4. Elec	ctrical Inspector	
C	ontact Person:		Phone:			

Information and Instructions

Massachusetts General Laws chapter 152 requires all employers to provide workers' compensation for their employees. Pursuant to this statute, an employee is defined as "..every person in the service of another under any contract of hire, express or implied, oral or written."

An **employer** is defined as "an individual, partnership, association, corporation or other legal entity, or any two or more of the foregoing engaged in a joint enterprise, and including the legal representatives of a deceased employer, or the receiver or trustee of an individual, partnership, association or other legal entity, employing employees. However the owner of a dwelling house having not more than three apartments and who resides therein, or the occupant of the dwelling house of another who employs persons to do maintenance, construction or repair work on such dwelling house or on the grounds or building appurtenant thereto shall not because of such employment be deemed to be an employer."

MGL chapter 152.S25C(6) also states that "every state or local licensing agency shall withhold the issuance or renewal of a license or permit to operate a business or to construct buildings in the Commonwealth for any applicant who has not produced acceptable evidence of compliance with the insurance coverage required." Additionally, MGL chapter 152S25C(7) states. "Neither the Commonwealth nor any of its political subdivision shall enter into any contract for the performance of public work until acceptable evidence of compliance with the insurance requirements of this chapter have been presented to the contracting authority."

Applicants

Please fill out the workers' compensation affidavit completely, by checking the boxes that apply to your situation and, if necessary, supply sub-contractor(s) name(s), address(es) and phone number(s) along with their certificate(s) of insurance. Limited Liability Companies (LLC) or Limited Liability Partnerships (LLP) with no employees other than the members or partners, are not required to carry workers' compensation insurance. If an LLC or LLP does have employees, a policy is required. Be advised that his affidavit may be submitted to the Department of Industrial Accidents for confirmation of insurance coverage. Also be sure to sign and date the affidavit. The affidavit should be returned to the city or town that the application for the permit or license is being requested, not the Department of Industrial Accidents. Should you have any questions regarding the law or if you are requested to obtain a workers' compensation policy, please call the Department at the number listed below. Self-Insured companies should enter their self-insurance license number on the appropriate line.

City or Town Officials

Please be sure that the affidavit is complete and printed legibly. The Department has provided a space at the bottom of the affidavit for you to fill out in the event the Office of Investigations has to contact your regarding the applicant. Please be sure to fill in the permit/license number which will be used as a reference number. In addition, an applicant that must submit multiple permit/license applications in any given year, need only submit one affidavit indicating current policy information (if necessary) and under "Job Site Address" the applicant should write "all locations in _____(city or town)." A copy of the affidavit that has been officially stamped or marked by the city or town may be provided to the applicant as proof that a valid affidavit is on file for future permits or licenses. A new affidavit must be filled out each year. Where a homeowner or citizen is obtaining a license or permit not related to any business or commercial venture (i.e. A dog license or permit to burn leaves etc.) said person is NOT required to complete this affidavit.

The Office of Investigations would like to thank you in advance for your cooperation and should you have any questions, please do not hesitate to give us a call.

The Department address, telephone and fax number are as follows:

Commonwealth of Massachusetts
Department of Industrial Accidents

Office of Investigations 600 Washington Street

Boston, MA 02111

Tel. #617-727-4900 ext. 406 or 1-877-MASSAFE FAX: #617-727-7749

www.mass.gov/dia

TOWN OF HANOVER DEPARTMENT OF INSPECTIONAL SERVICES One and Two Family Mass Energy Code Provisions ADDITIONS & ALTERATIONS

1. Table J1.1.2.3.1 May be used with documentation on N.F.R.C. U-Values of all windows, doors and skylights that must be submitted with permit application.

To use Table J1.1.2.3.1 all N.F.R.C. Fenestration's U-Value must be met. (Follow commentary of section J1.1.2.3.1 on attached sheet.)

TABLE J1.1.2.3.1. Prescriptive Envelope Component Criteria Additions To Existing Low-Rise Residential Buildings

ximum Minimum					
Ceiling	Wall	Floor	Basement Wall	Slab Perimeter	
U-Value	U-Value	U-Value	R-Value	R-Value and Depth	
R-37 1	R-13	R-19	9 R-1-	R-10,4ft.	
	U-Value	Ceiling Wall U-Value U-Value	Ceiling U-ValueWall U-ValueFloor U-Value	Ceiling U-ValueWall U-ValueFloor U-ValueBasement Wall R-Value	

Note 1-R-30 ceiling insulation may be used in place of R-37 if the insulation achieves the full R-Value over the entire ceiling area (i.e. - not compressed)

- 2. If the addition/sunroom fenestration glazing area exceeds 40% of the ceiling & wall area the consumer information form must be used.
- 3 Mass Rescheck version 3.7.3 or any compliance path of appendix J may be used instead of Table J1.1.2.3.1.
 Lot # ______ Map # _____
 Street # ______

I agree to comply with all insulation values of Table J1.1.2.3.1 and all fenestration U-Values have been met and documentation has been submitted.

Signature

Emergency action, Step 1 – Amend the definition section of 780- CMR Chapter 2 (Section 780- CMR 202.0 General Definitions) by adding a definition for "greenhouse" as follows:

Greenhouse: See 780 CMR 3602.

Emergency action, Step 2 – Amend the definitions section of 780 CMR Chapter 36 (Section 780 CMR 3602.2 General Building Definitions) by modifying the definition for "greenhouse" as follows (additions underscored:)

GREENHOUSE: An enclosed detached or attached accessory structure consisting primarily of light-transmitting materials and used exclusively for growing plants. In accordance with St. 1973, c.672, the provisions of the 780 CMR shall not apply to greenhouses covered exclusively with plastic film, provided, however, that the provisions of M.G.L.c. 40A shall continue to apply.

Emergency action, Step 3 – Amend Section J1.1.2.3.1 as presented below:

J1.1.2.3.1 Additions to existing buildings:

Additions to existing buildings or structures shall comply with one of the applicable criteria below:

- 1. The new addition, by itself, shall conform to the applicable provisions of Appendix J or;
- 2. The new addition plus the existing building/dwelling unit may be considered together to ensure compliance with applicable provisions of Appendix J, or;
- 3. Additions that are open to or separated by an exterior wall from the existing house/dwelling unit shall or unit dimensions) of glazed fenestration products (windows, skylights, and glazed portion of doors) shall not exceed 40% of the gross wall and gross ceiling area of the addition combined. If any individual fenestration component exceeds the maximum U-value listed in Table J1.1.2.3.1, then the area-weighted average U-value for all fenestration components must be less than or equal to the listed value. The R-value requirements for opaque thermal envelope components indicate insulation products (cavity and/or insulating sheathing), and shall be equal to or exceed the applicable listed values found in Table J1.1.2.3.1. If such additions are separated from the main house by a wall and are conditioned, then a readily accessible manual or automatic means shall be provided to partially restrict the addition from the existing building/dwelling unit, if an existing exterior wall, shall be allowed to remain the neither that portion of said wall or any fenestration within said portion of wall common to the addition need comply with the thermal envelope requirements of Appendix J.

TABLE J1.1.2.3.1 Prescriptive Envelope Component Criteria Additions to Existing Low-Rise Residential Buildings

MAXIMUM	UM MINIMUM					
Fenestration	Ceiling	Wall	Floor	Basement Wall	Slab Perimeter	
U-Value	R-Value	R-Value	R-Value	R-Value	R-Value and Depth	
0.39	R-37'	R-13	R-19	R-10	R-10, 4ft	

[!] R-30 ceiling insulation may be used in place of R-37 if the insulation achieves the full R-value over the entire ceiling area (i.e. - not compressed over exterior walls, and including any access openings.)